

**HRP ((b)(1) “other”) FY09 Projects**  
**8/31/2009**

<b>PROJECT (project proponent)</b>	<b>PROPOSED ACTIVITY</b>	<b>FUNDING</b>
A-5 Rickert Ranch Conservation Easement Acquisition (Shasta Land Trust)	Acquisition of conservation easement on the 5,085-acre Rickert Ranch property. The easement would protect this working cattle ranch as well as its cultural and natural resources including riparian habitat, grasslands, vernal pools, vernal swales, and oak woodlands. Species benefited include valley elderberry longhorn beetle, CA red-legged frog, vernal pool fairy shrimp, vernal pool tadpole shrimp, slender orcutt grass, bald eagle, etc. <i>Shasta County</i>	<b>\$415,000*</b>
A-7 Atwell Island Land Acquisition (American Land Conservancy)	Acquisition of 80 acres of SJ Valley upland habitat to enhance and improve conditions for listed wildlife species near Atwell Island. Primary goal is to permanently protect habitat for Tipton kangaroo rats; secondary goal is to create a larger contiguous conserved habitat within BLM’s Atwell Island Project area through land acquisitions. Species benefited include Tipton k-rat, SJ kit fox, blunt-nosed leopard lizard, tri-colored blackbird, mountain plover, western spadefoot toad, etc. <i>Kings County</i>	<b>\$110,000**</b>
R1 Continue Propagation of Lange’s Metalmark Butterfly, and Endangered Species, and Aggressively Restore Habitat (USFWS, Antioch Dunes NWR)	Funding will contribute toward the continuation of captive propagation of the Lange’s metalmark butterfly at the Murrietta Valley Endangered Butterfly Facility, and at Moorpark College in the Exotic Animal Training & Management Program facility. Additionally, it will continue the restoration of dune habitat for the butterfly, Contra Costa wallflower, and Antioch Dunes evening primrose at Antioch Dunes NWR. <i>Contra Costa County</i>	<b>\$125,656*</b>
S-1 Implementation of Priority 1, 2, and 3 Recovery Tasks for GGS – Status and Distribution of GGS at the eastern Delta’s White Slough Wildlife Area, SJ County, CA (Eric Hansen)	Determine presence-absence of GGS in eastern Delta; establish control sites needed to evaluate the effects of seasonal variability in GGS activity and distribution on sampling results; assess current status of GGS and potential habitat within the Mid-Valley Recovery Unit; provide demographic and methodological foundation for future research and formulate recommendations for water and habitat management. <i>San Joaquin County</i>	<b>\$122,648**</b>

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S-2 Status Surveys of Pseudobahia bahifolia and Pseudobahia peirsonii in Eastern San Joaquin Valley, CA (Vollmar Consulting)	Study would determine current status of all known extant occurrences of Hartweg's golden sunburst and San Joaquin adobe sunburst in the eastern SJ Valley. An additional \$6,000 was added to the grant agreement to allow Vollmar Consulting to survey up to 1,000 acres of new potential habitat. <i>San Joaquin County</i>	<b>\$53,620**</b>
S-8 Conservation Genetics of the Alameda Whipsnake (USGS)	Study would entail an evaluation of the genetic relationships among and within recovery units of the whipsnake, which would aid in determining whether the recovery units and corridors accurately reflect the genetic structure of the species, and whether the current plan promotes recovery by protecting the full range of genetic variation that is present. <i>Alameda County</i>	<b>\$91,570**</b>
S-9 Giant Garter Snake Distribution and Occupancy Modeling in Butte County, CA (USGS)	Study would assess the probability of detecting populations of GGS at sites based on site conditions and survey method; quantify the relationship of habitat, microhabitat, and vegetative conditions with occurrence and abundance of the GGS and develop a predictive model and map that can identify where GGS populations are likely to occur or identify sites appropriate for repatriation studies. <i>Butte County</i>	<b>\$60,000*</b>
O-2 Public Outreach Plan and Implementation of Recovery Activities for Gabbro Plants at Pine Hill Preserve, El Dorado County (BLM, Pine Hill Preserve)	Provide public outreach about gabbro soil rare plants and their habitats to promote protection, conservation, and recovery of rare plant species. Species benefited: Stebbin's morning glory, Pine Hill ceanothus, Pine Hill flannelbush, El Dorado bedstraw, Layne's butterweed, Red Hills soaproot, Bisbee Peak rush-rose, and El Dorado mule-ears <i>El Dorado County</i>	<b>\$48,000**</b>
<b>Project Total (\$)</b> <b>\$1,026,494</b>		<b>\$600,656*</b> <b>\$425,838**</b>
<b>Program Administration &amp; Overhead Costs (\$)</b> <b>\$473,061</b>		<b>\$149,344*</b> <b>\$323,717**</b>
<b>Total Budget</b>		<b>\$1,500,000***</b>

\* Administered by **USBR**

\*\* Administered by **USFWS**

\*\*\*Total Budget : \$1,500,000

Note: Total denotes availability. There is \$445 remaining on Service side.